Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 17 Jan 2024 until 23:59 on Thursday 18 Jan 2024

Forecast Issued on Wednesday 17 Jan 2024 at 03:14

Confidence: High for overall weather story, moderate for precipitation detail, until the weekend, then low due to uncertainties over the track of a deep low.

Headline for Wednesday 17 Jan 2024: A dry, sunny but cold day.

Mountain weather hazards on Wednesday 17 Jan 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
10%	10%	10%	10%	10%	10%

Forecast for Wednesday 17 Jan 2024

Weather: A cold frosty start to a largely sunny day, just the outside chance a of a snow shower affecting far western fells.

Chance of cloud-free hill tops above 800m: Close to 100%

Low cloud and visibility: Little or no cloud expected below the summits. Excellent visibility throughout the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 17 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/21 NE	16/19 NE	15/18 N	19/22 N	21/25 N	21/25 N	19/24 N
600	13/18 N	10/13 N	9/13 N	11/15 N	12/17 NW	12/18 NW	14/19 NW
300	4/13 N	4/11 N	4/13 N	4/14 N	5/16 NW	5/17 NW	4/15 NW
Valley	6/17 N	6/15 N	7/15 N	7/18 N	7/18 NW	8/20 NW	8/18 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-6/-14	-6/-14	-7/-14	-8/-16	-8/-16	-8/-16	-8/-16
600	-5/-12	-5/-11	-5/-10	-5/-11	-6/-12	-6/-12	-6/-13
300	-4/-7	-5/-7	-3/-5	-4/-6	-5/-8	-4/-8	-5/-8
Valley	-3/-7	-2/-6	1/-2	0/-3	-1/-5	-1/-5	-1/-5
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold, be prepared with appropriate layers. Underfoot conditions may be difficult with snow from previous days and subsequent ice.

Forecast for Thursday 18 Jan 2024

Weather: Clear skies continuing overnight into Thursday with a good deal of sunshine through the day. Patchy cloud feeding in from the northwest during the afternoon and evening with the chance of the odd snow shower.

Maximum wind: North or northwest 10-15 mph

Chance of cloud-free hill tops above 800m: 90% reducing to 70% later in the afternoon

Low cloud and visibility: Few or scattered cloud base 600-800m from mid-afternoon. Visibility mainly good.

Temperature: **Valleys:** Minus 5 rising to zero Celsius
At 800m: Minus 8 rising to minus 4 Celsius
Freezing level: At the surface

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 16 January 2024 Location: Lord's Seat summit at 16:22 Full report: There was significant snowfall overnight and into Tuesday morning down to valley level. Depth increases with height and approximately 10-15cm fell over the Lakeland fells and is beginning to drift on SW winds. The freezing level rose slightly during the day to around 500m and below 300m the snow is now wet and slushy. It is forecast to drop well below freezing overnight down to low elevations so anyone heading out tomorrow should expect and be prepared for full winter conditions with plenty of snow and ice. In the higher fells, cornices and potentially unstable windslab is likely to be found around corrie rims, ridge flanks, gullies, and steep scarp slopes. Anyone planning routes on steep and exposed terrain should be suitably equipped and experienced (ice axe and crampons essential). The temperature on the highest tops tomorrow is likely to be around -7 C and with the added effect of the wind on exposed skin it could feel as cold as -15 C. Full winter clothing including waterproofs (jacket and trousers), extra warm layers, hats and gloves, a headtorch, map, and compass are all essential. Microspikes and walking poles are likely to be very useful for anyone heading out tomorrow and goggles/sunglasses may also be a sensible addition to your rucksack. Driving conditions are also likely to be difficult on untreated roads. Temperature: minus 0.8 C, Maximum wind speed 35.2 mph, Wind chill: minus 10.3 C, Average wind speed: 29.3 mph

Issued at: 03:14 on Wed 17 Jan 2024

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.